APPLN. FILING DATE: AUGUST 30, 2006 TITLE: PRINTING MASK AND SOLAR CELL (AS

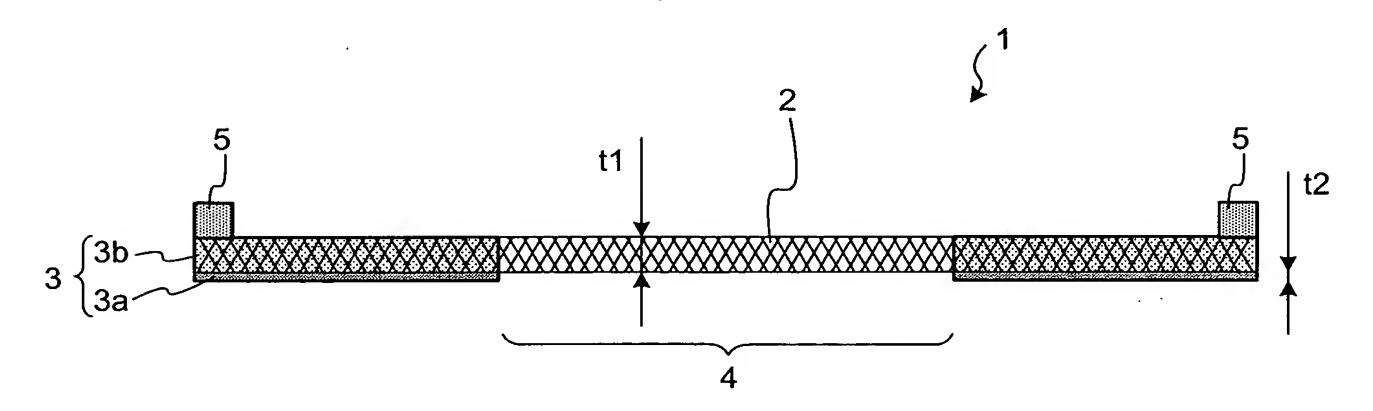
AMENDED)

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FIG.1

(SQUEEGEE CONTACT SURFACE SIDE)



(PRINTING OBJECT SIDE)

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FIG.2-1

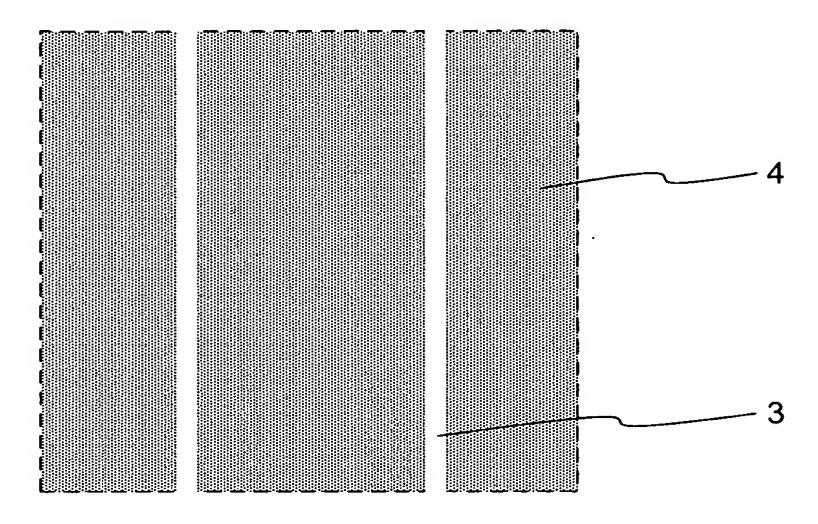


FIG.2-2

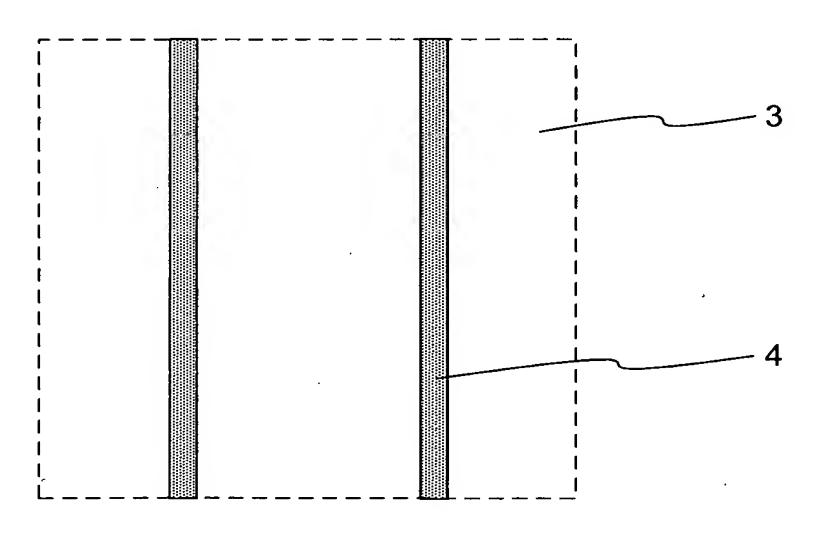
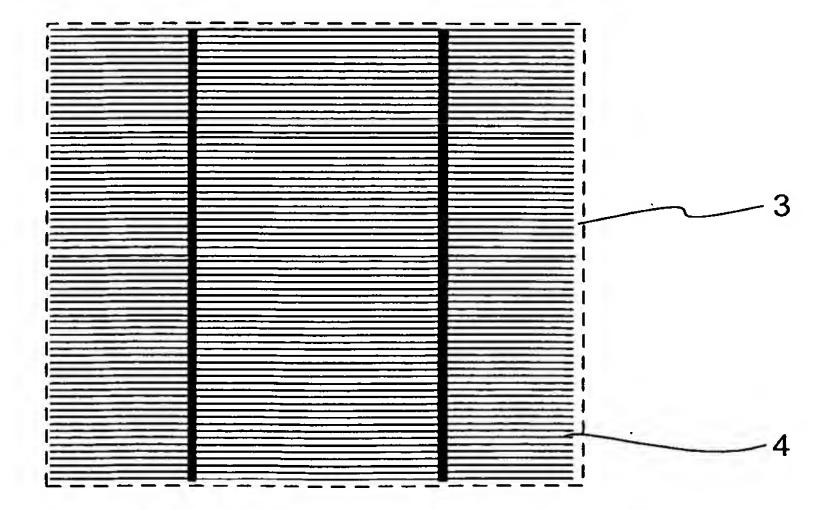


FIG.2-3



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FIG.3-1

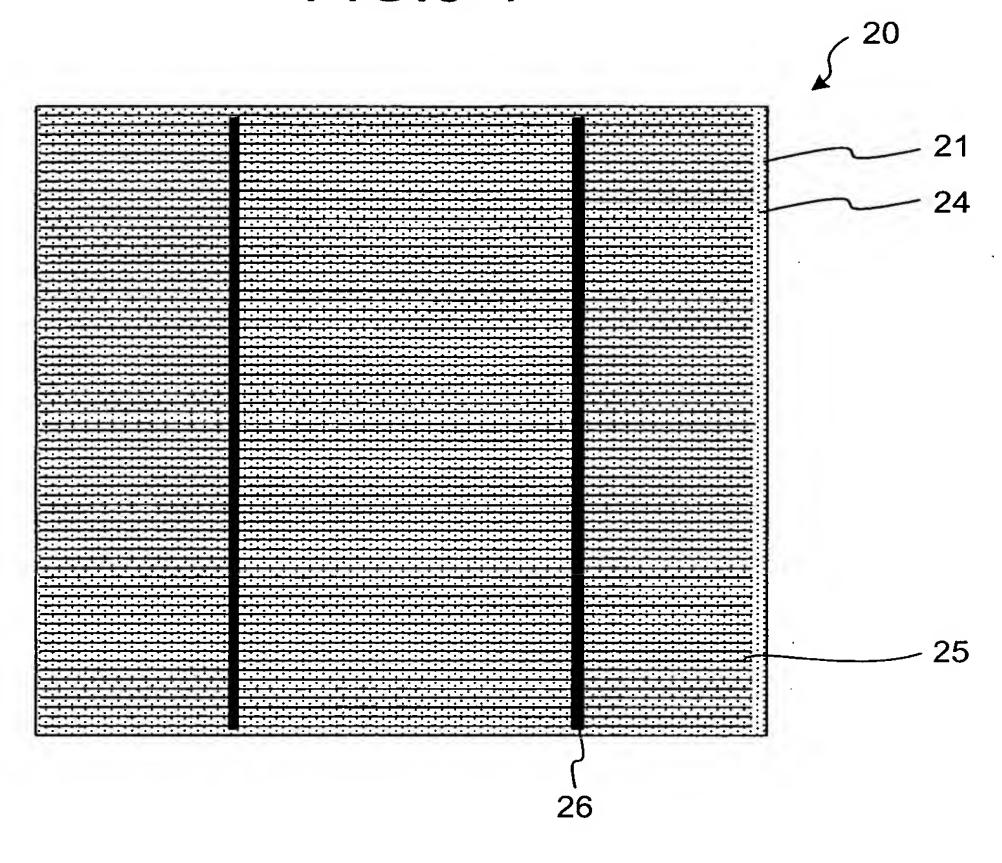
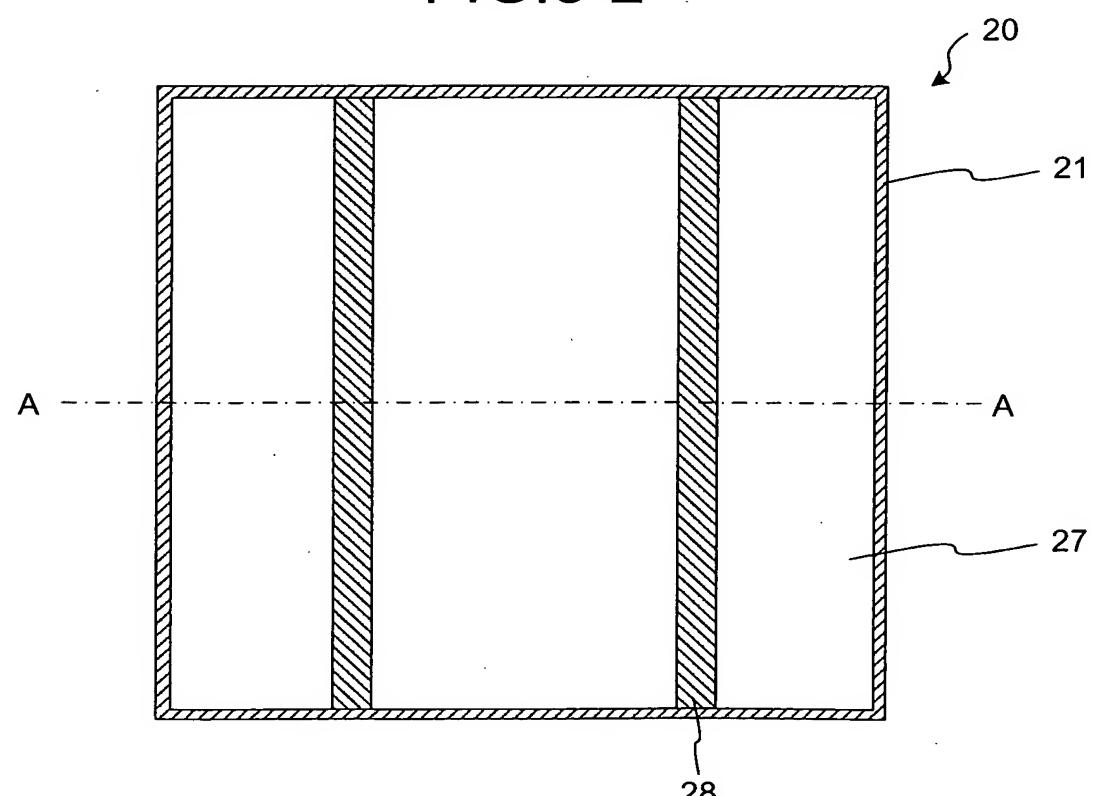


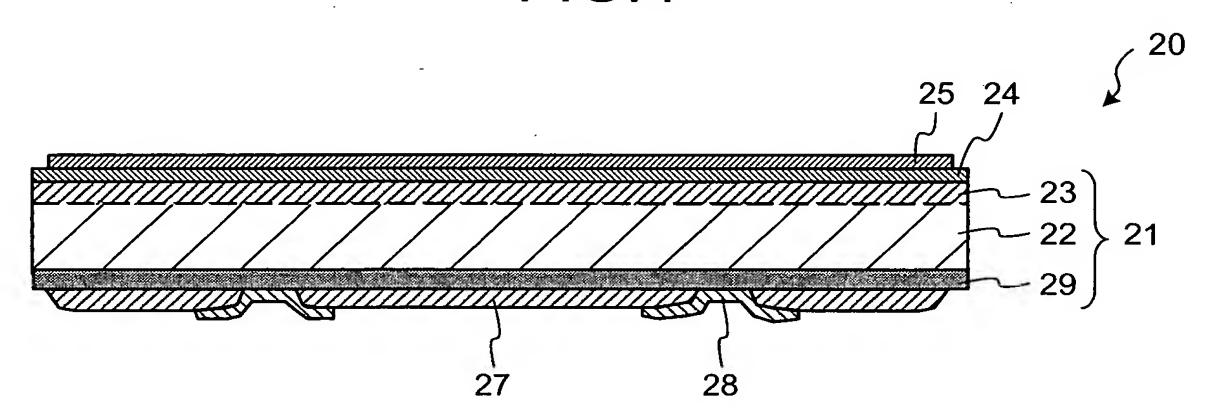
FIG.3-2



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FIG.4



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FIG.5-1

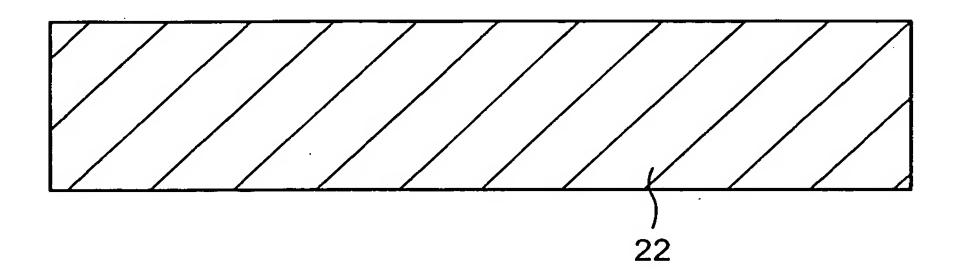


FIG.5-2

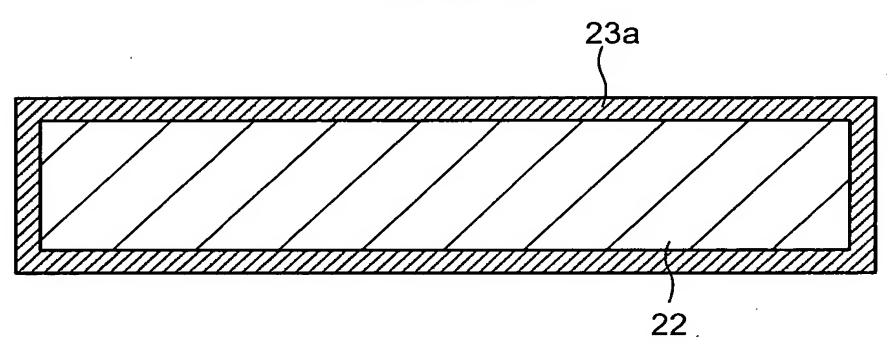
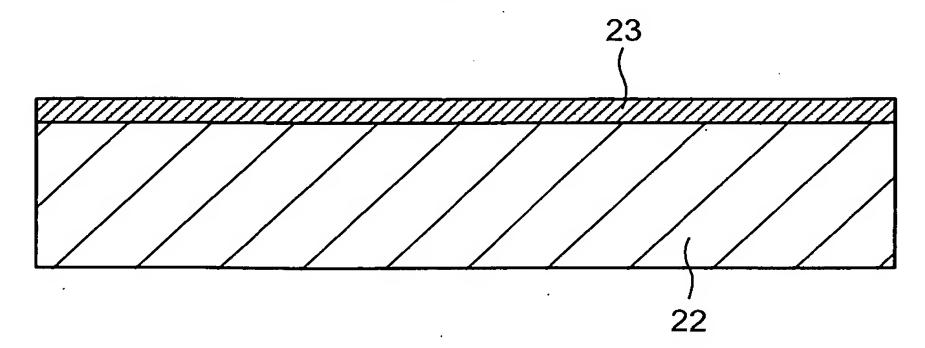


FIG.5-3



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FIG.5-4

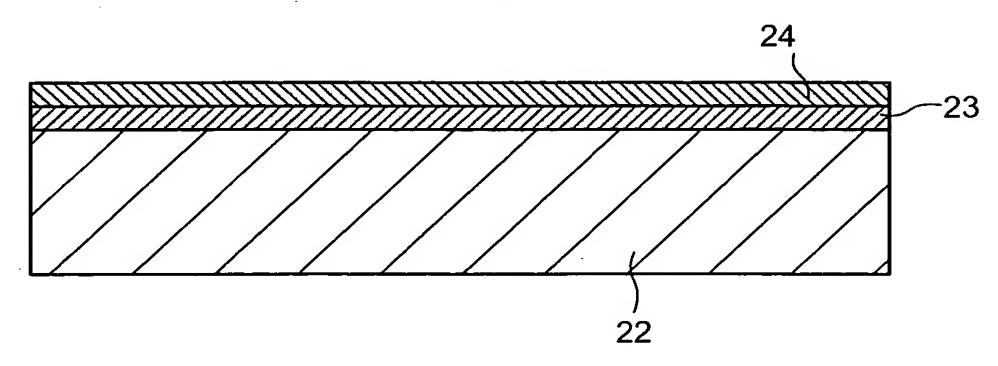
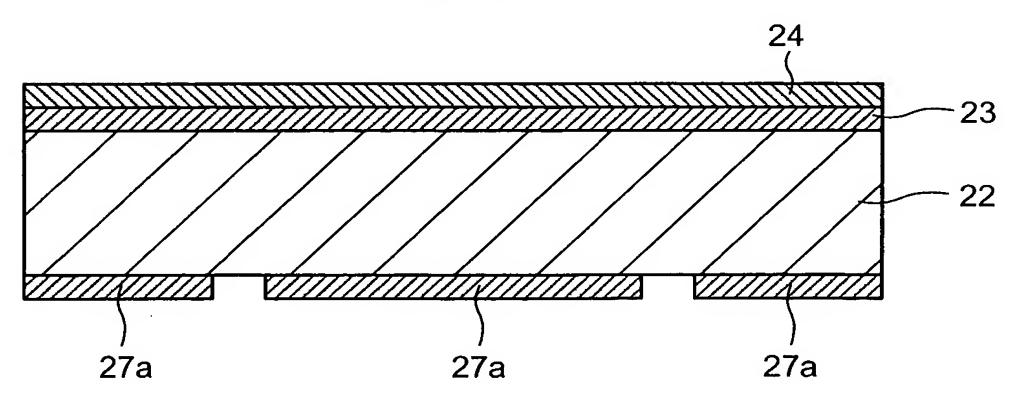
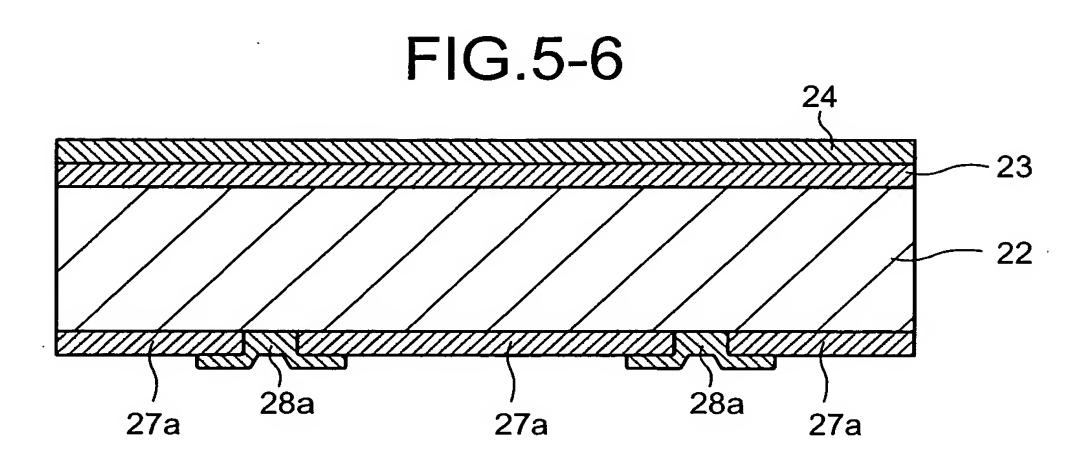
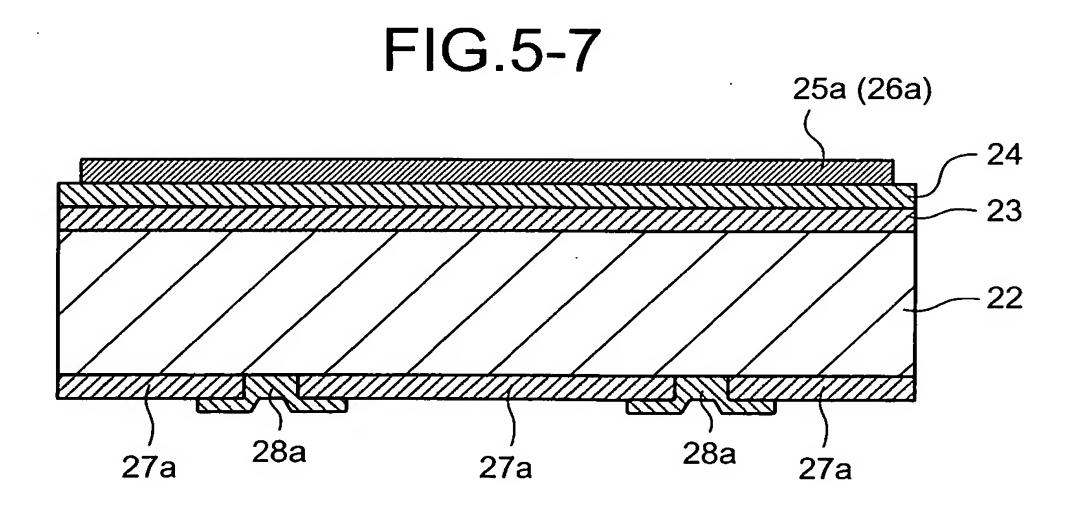


FIG.5-5



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FIG.6

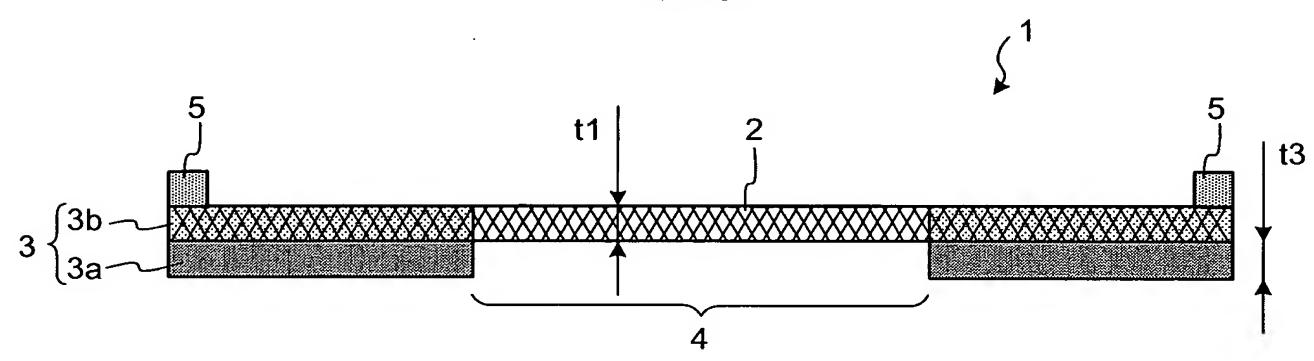


FIG.7

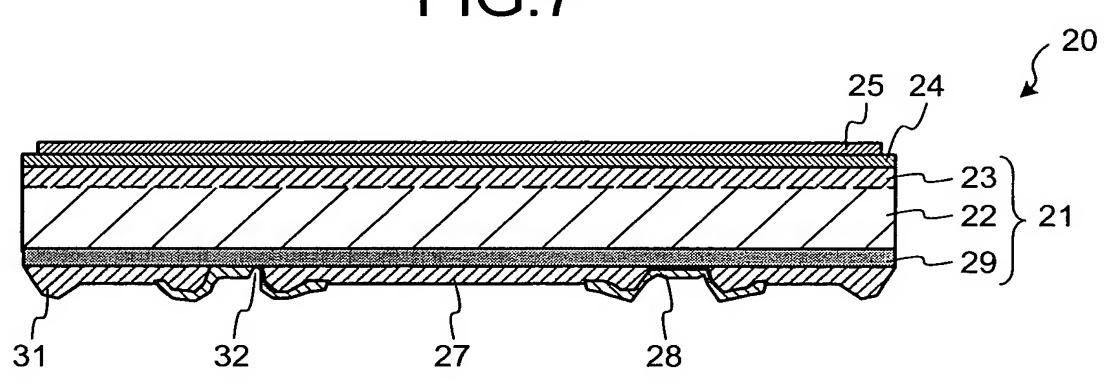
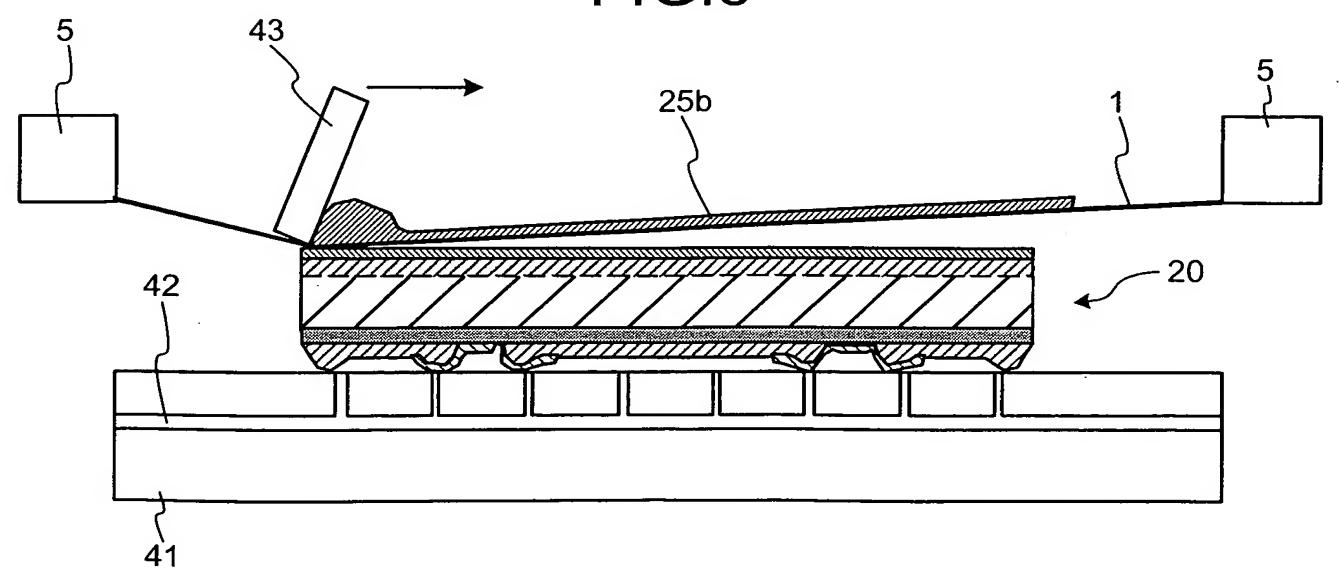


FIG.8



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FIG.9

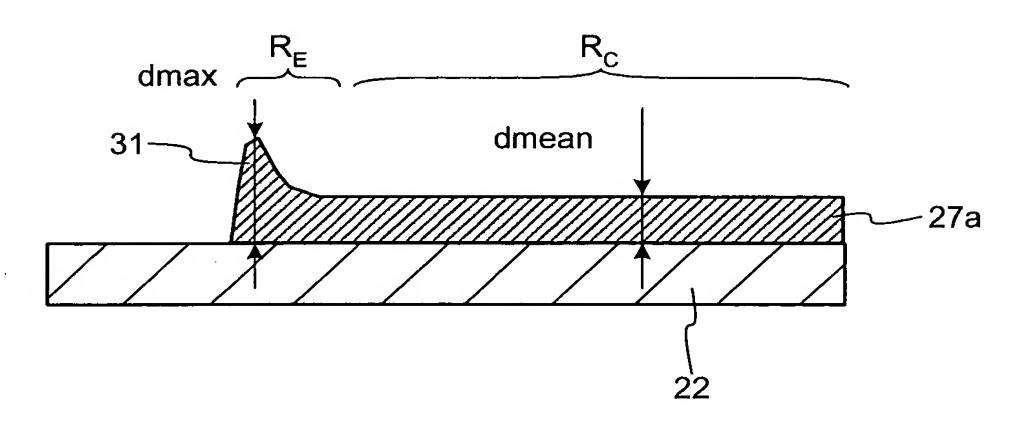
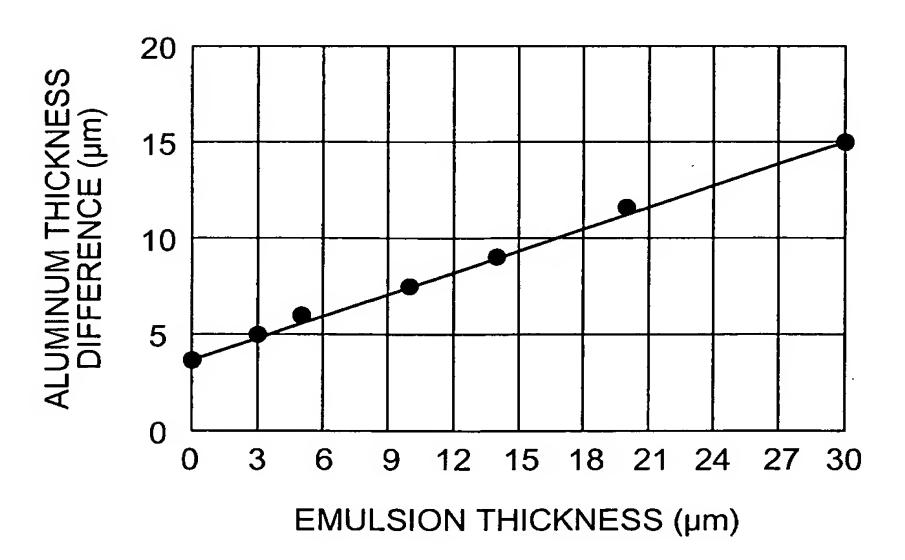


FIG.10

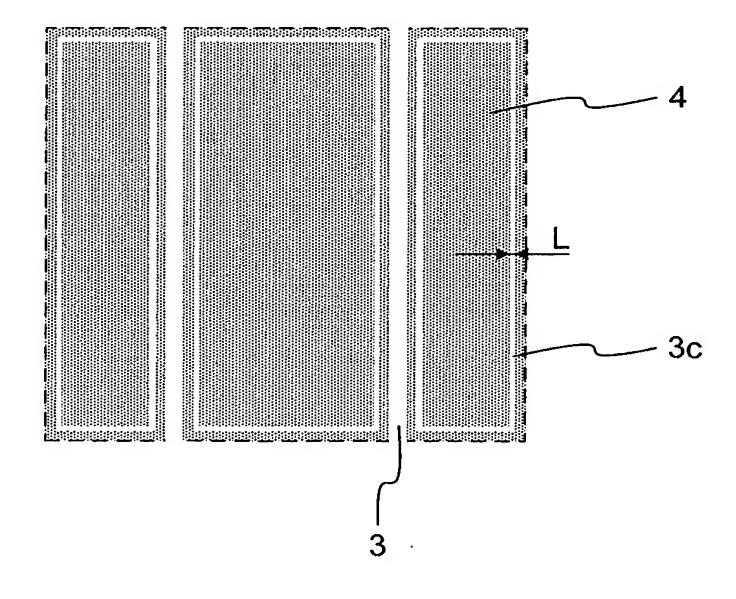


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FIG.11

	BEFORE IMPROVEMENT	AFTER IMPROVEMENT
EMULSION THICKNESS (µm)	14	3
NUMBER OF MESHES	400	400
LINE DIAMETER (µm)	23	23
AVERAGE ALUMINUM FILM THICKNESS dmean (µm)	29	27
AVERAGE FILM THICKNESS OF ALUMINUM EDGE PART dmax (µm)	37	32
ALUMINUM THICKNESS DIFFERENCE:dmax-dmean (µm)	8	5
SUBSTRATE THICKNESS	BREAKAGE RATE (%)	BREAKAGE RATE (%)
200 μm	10	1
240 μm	5	0
280 μm	1	0
330 µm	0	0

FIG.12



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FIG.13-1

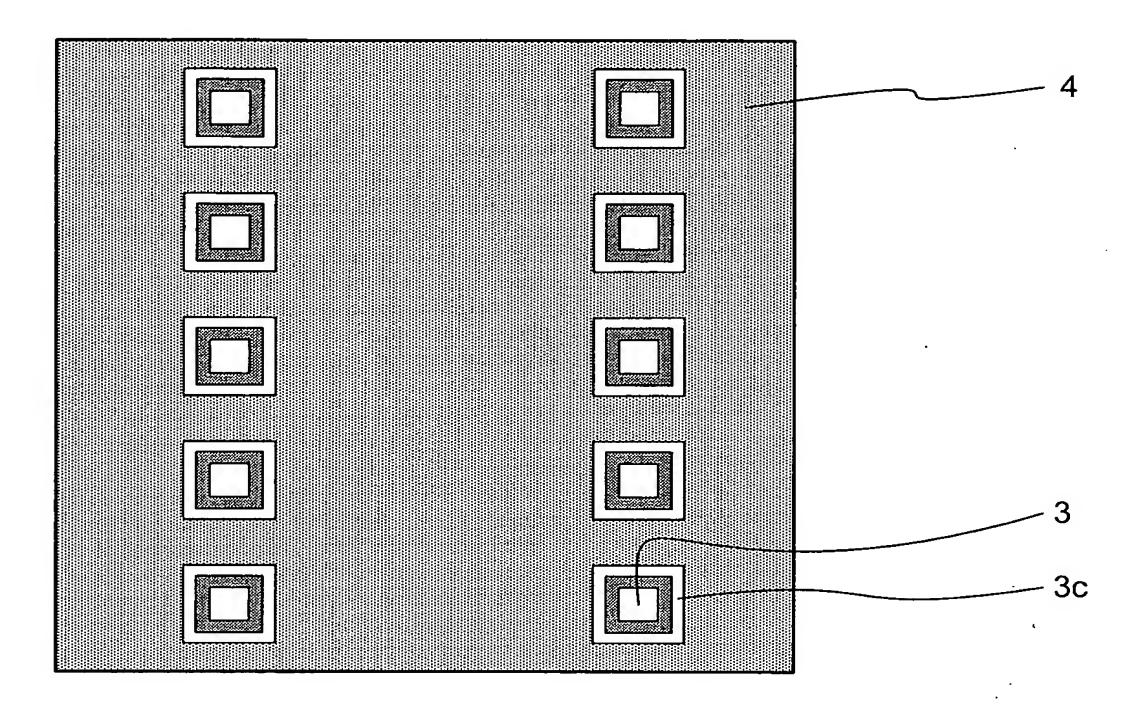
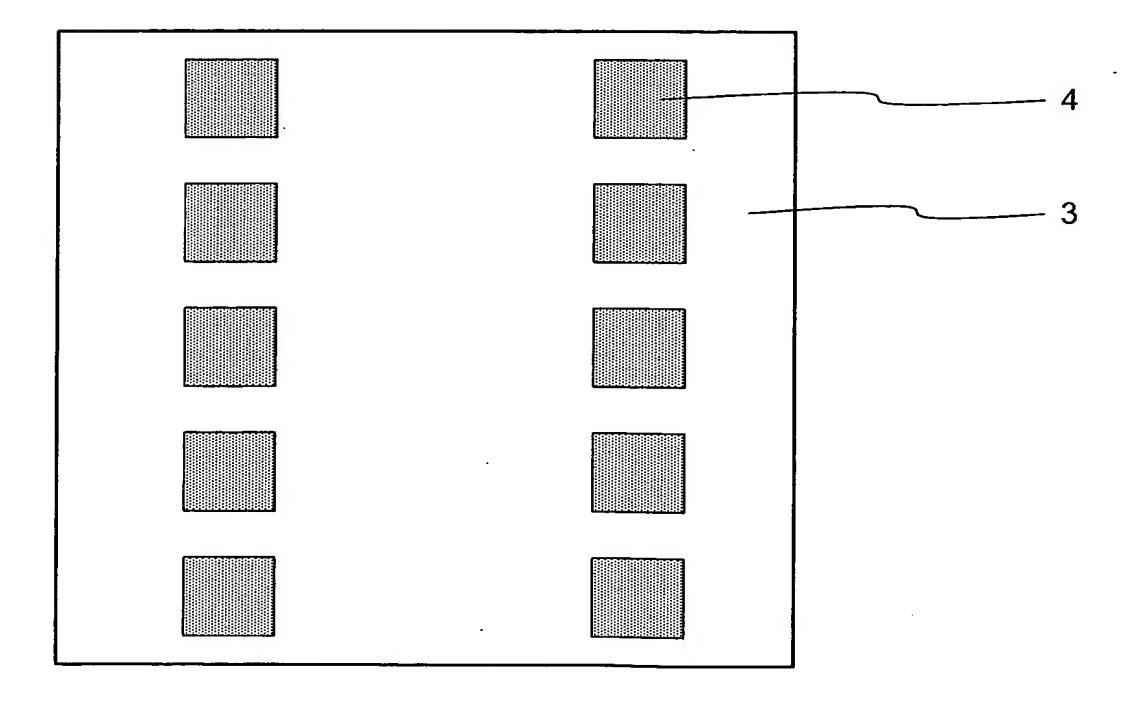


FIG.13-2

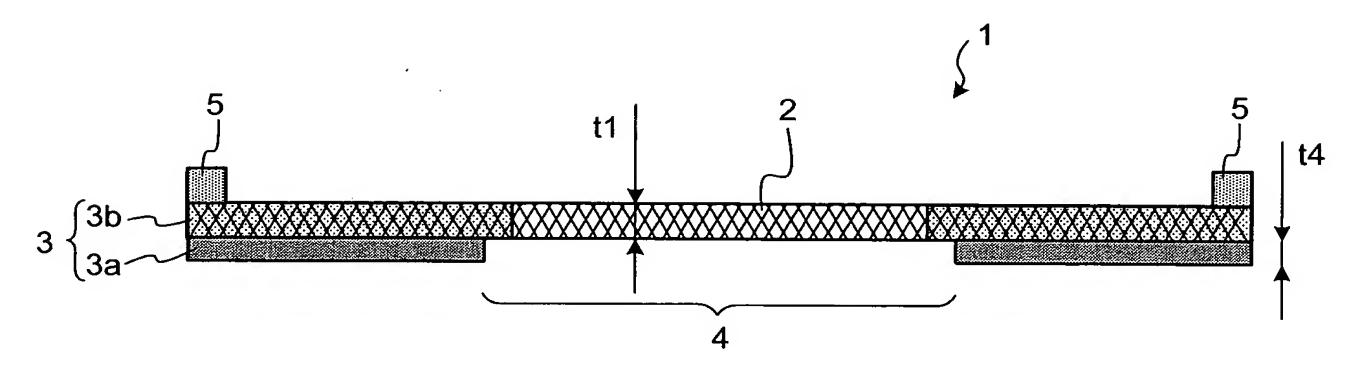


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FIG.14

(SQUEEGEE CONTACT SURFACE SIDE)



(PRINTING OBJECT SIDE)

FIG.15

